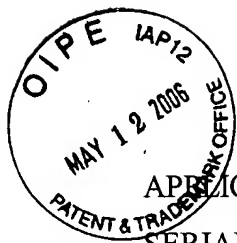


IFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Marc Rabarot et al. CONFIRMATION NO.: Unknown
SERIAL NO.: 10/567,889
FILING DATE: February 7, 2006
TITLE: Fabrication Method for Patterns with Inclined Flanks by Photolithography
EXAMINER: Unassigned
ART UNIT: Unassigned

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service, Express Mail Label No. EV310855444US
addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date printed below:

Date: May 9, 2006

Name:

Karen A. Rogers

Mail Stop Amendment
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P.O. Box 1450
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In compliance with the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicant hereby submits this Information Disclosure Statement (IDS) including a Form PTO-1449 containing a list of references which may be material to the examination of the above-referenced application. This submission is not to be construed as a representation that a prior art search has been conducted, that additional information material to the examination of this application does not exist, or that any one or more of the listed references constitutes prior art.

The Examiner is urged to carefully consider this Information Disclosure Statement and all the listed references, and to indicate same by initialing the appropriate portion(s) of the Form PTO-1449 and forwarding an initialed copy to applicant.

If this box ☒ is checked, this application was filed after June 30, 2003 and qualifies for the blanket waiver of deposit of copies of U.S. Patents and U.S. Patent Application Publications in accordance with the written waiver of 37 CFR §1.98 (a)(2)(i) Official Gazette Published in

Official Gazette Notices of August 5, 2003 (1273OG55). Accordingly, such copies are not submitted.

I

This statement is filed pursuant to **(CHECK ONE BOX)**:



37 C.F.R. § 1.97(b).

This information disclosure statement is filed either:

- (1) within three months of the filing date of a national application other than a continued prosecution application under §1.53(d);
- (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application;
- (3) before the mailing date of a first office action on the merits; or
- (4) before the mailing of a first office action after the filing of a Request for Continued Examination under 37 C.F.R. §1.114, **whichever event occurs last.**

Accordingly, this information disclosure statement requires no fee and no certification.



37 C.F.R. § 1.97(c).

This information disclosure statement is filed **after** the period specified in 37 C.F.R. § 1.97(b), but **before** the mailing date of any of the following:

- (1) a final action under 37 C.F.R. § 1.113;
- (2) a notice of allowance under 37 C.F.R. § 1.311; or
- (3) an action that otherwise closes prosecution in the application.

Accordingly, this information disclosure statement requires either:

- (1) the fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c); or
- (2) a certification according to 37 C.F.R. § 1.97 (e)(1) or (2).



37 C.F.R. § 1.97(d).

This information disclosure statement is filed **after** the period specified in 37 C.F.R. § 1.97 (c).

Accordingly, this information disclosure statement requires:

- (1) a certification in accordance with 37 C.F.R. § 1.97(e); and
- (2) the fee specified in 37 C.F.R. § 1.17 (p) to consider an information disclosure statement under 37 C.F.R. § 1.97(d).

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. §1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. **To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.**

II

Fees Due (CHECK ONE BOX):

- ☒ No fee is due.
- ☐ The fee specified in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c) or 37 C.F.R. § 1.97(d) is enclosed (\$180).

III

Certification (CHECK ONE BOX):

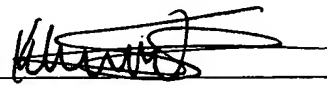
- ☒ No certification is necessary.
- ☐ Pursuant to 37 C.F.R. § 1.97(e)(1), the undersigned hereby certifies:
That each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- ☐ Pursuant to 37 C.F.R. § 1.97(e)(2), the undersigned hereby certifies:
No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this information disclosure statement.

IV

Please charge any additional required fee or credit any overpayment to our deposit account number 50-1698.

Respectfully submitted,
THELEN REID & PRIEST LLP

Dated: May 9, 2006



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Form PTO 1449 (Rev. 2-32)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 034299-682		Serial No. 10/567,889		
Information Disclosure Statement by Applicant				Applicant: Marc Rabarot et al.				
(Use several sheets if necessary)				Filed: 2/7/2006		Group: Unassigned		
U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
		4,444,616	04/24/1984	Fujita et al.	156	628		
		4,912,022	03/27/1990	Urquhart et al.	430	396		
		5,045,439	09/03/1991	Maner et al.	430	394		
Foreign Documents								
Translation								
Init.		Document No.	Date	Country	Class	Subclass	Yes	No
		DE 1 459 719	12/31/1976	Germany	G03B	27/14	X	
		DE 196 52 463	06/18/1998	Germany	B 29	C 59/16	X	
		JP 1 1327154	11/26/1999	Japan (Abstract)	G03F	7/20	X	
Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)								
		BEURET, C. et al., "Microfabrication of 3D Multidirectional Inclined Structures by UV Lithography and Electroplating," IEEE, January 1994, pp. 81-85.						
		CHOI, Yoonsu et al., "Continuously-Varying, Three-Dimensional SU-8 Structures: Fabrication of Inclined Magnetic Actuators," IEEE, February 2002, pp. 176-179.						
		FEIERTAG, Gregor et al., "Sloped Irradiation Techniques in Deep X-Ray Lithography for 3-D Shaping of Microstructures," SPIE Vol. 3048, 1997, pp. 136-145.						
		HAN, Manhee et al., "Fabrication of 3D Microstructures with Inclined/Rotated UV Lithography," IEEE, March 2003, pp. 554-557.						
		HUNG, Kuo-Yung et al., "Application of Shadow Mask and Polarized Inclined-Exposure for Curved SU-8 Structures on Inclined Surface," Engineering and System Science Dept., Natl. Tsing Hua University, Taiwan, August 2003, pp. 39-40.						
		JIAN, Linke et al., "Multi-Level Microstructures and Mold Inserts Fabricated with Planar and Oblique X-ray Lithography of SU-8 Negative Photoresist," Micromachining and Microfabrication Process Technology VII, Proceedings of SPIE, Vol. 4557, 2001, pp. 69-76.						
		LIN, B. J., "Optical Manipulation of Resist Profile in Conformable Printing," J. Vac. Sci. Technol., Vol. 15, No. 3, May/June 1978, pp. 1012-1015.						
		OH, Dong-Young et al., "A Tetrahedral Three-Facet Micro Mirror with the Inclined Deep X-ray Process," Elsevier Science B.V., January 2001, pp. 157-161.						
		YOKOYAMA, Yoshinori et al., "Fabrication Process of Micro Bonding Elements with Taper Shape," T. IEE, Japan, Vol. 122-E, No. 2, 2002, pp. 90-96.						
Examiner					Date Considered			
Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.								